

REMARKS

Initially, in the Office Action dated February 20, 2004, the Examiner rejects claim 20 under 35 U.S.C. §112, second paragraph. Claims 12, 13 and 14 have been rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 5,963,599 (Curtis et al.). Claims 17, 18 and 21-24 have been rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 5,898,737 (Chethik et al.). Claims 15, 16 and 19 have been objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form. Claims 1-11 and 25 are allowed.

By the present response, Applicants have canceled claims 14, 15 and 19 without disclaimer. Applicants have amended claims 12, 16, 17 and 20 to further clarify the invention. Claims 1-13, 16-18 and 20-25 remain pending in the present application.

Allowed Subject Matter

Applicants thank the Examiner for allowing claims 1-11 and 25, and indicating that claims 15, 16 and 19 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

35 U.S.C. §112 Rejection

Claim 20 has been rejected under 35 U.S.C. §112, second paragraph. Applicants have amended this claim to further clarify the invention and respectfully request that this rejection be withdrawn.

35 U.S.C. §102 Rejections

Claims 12, 13 and 14 have been rejected under 35 U.S.C. §102(b) as being anticipated by Curtis et al. Claim 14 has been canceled. Applicants respectfully traverse these rejections.

Regarding claim 12, Applicants have amended claim 12 to include subject matter from claim 15, deemed allowable by the Examiner. Therefore, Applicants submit that claim 12 is now patentable over the cited reference.

Regarding claim 13, Applicants submit that this claim is dependent on independent claim 12 and, therefore, is patentable at least for the same reasons noted regarding this independent claim. For example, Applicants submit that Curtis et al. does not disclose or suggest receiving at least one modulated GMSK waveform.

Accordingly, Applicants submit that Curtis et al. does not disclose or suggest the limitations in the combination of each of claims 12 and 13 of the present application. Applicants respectfully request that these rejections be withdrawn and that these claims be allowed.

Claims 17, 18 and 21-24 have been rejected under 35 U.S.C. §102(b) as being anticipated by Chethik et al. Applicants respectfully traverse these rejections.

Regarding claim 17, Applicants have amended this claim to include the subject matter of claim 19, deemed allowable by the Examiner. Therefore, Applicants submit that this claim is now patentable over the cited reference.

Regarding claims 18 and 21-24, Applicants submit that these claims are dependent on independent claim 17 and, therefore, are patentable at least for the same reasons noted regarding this independent claim. For example, Applicants submit that Chethik et al. does not disclose or suggest the quantizer being an angle quantizer or the quantizer being a phase quantizer.

Accordingly, Applicants submit that Chethik et al. does not disclose or suggest the limitations in the combination of each of claims 17, 18 and 21-24 of the present application. Applicants respectfully request that these rejections be withdrawn and that these claims be allowed.

In view of the foregoing amendments and remarks, Applicants submit that claims 1-13, 16-18 and 20-25 are now in condition for allowance. Accordingly, early allowance of such claims is respectfully requested.

U.S. Application No. 09/944,982
Lockheed Martin Docket No. 12-1063

To the extent necessary, Applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (referencing attorney docket no. 199.37718X00).

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



Frederick D. Bailey
Registration No. 42,282

FDB/sdb
(703) 312-6600